IZH46
AIR PISTOL

WARNINGS AND INSTRUCTION MANUAL

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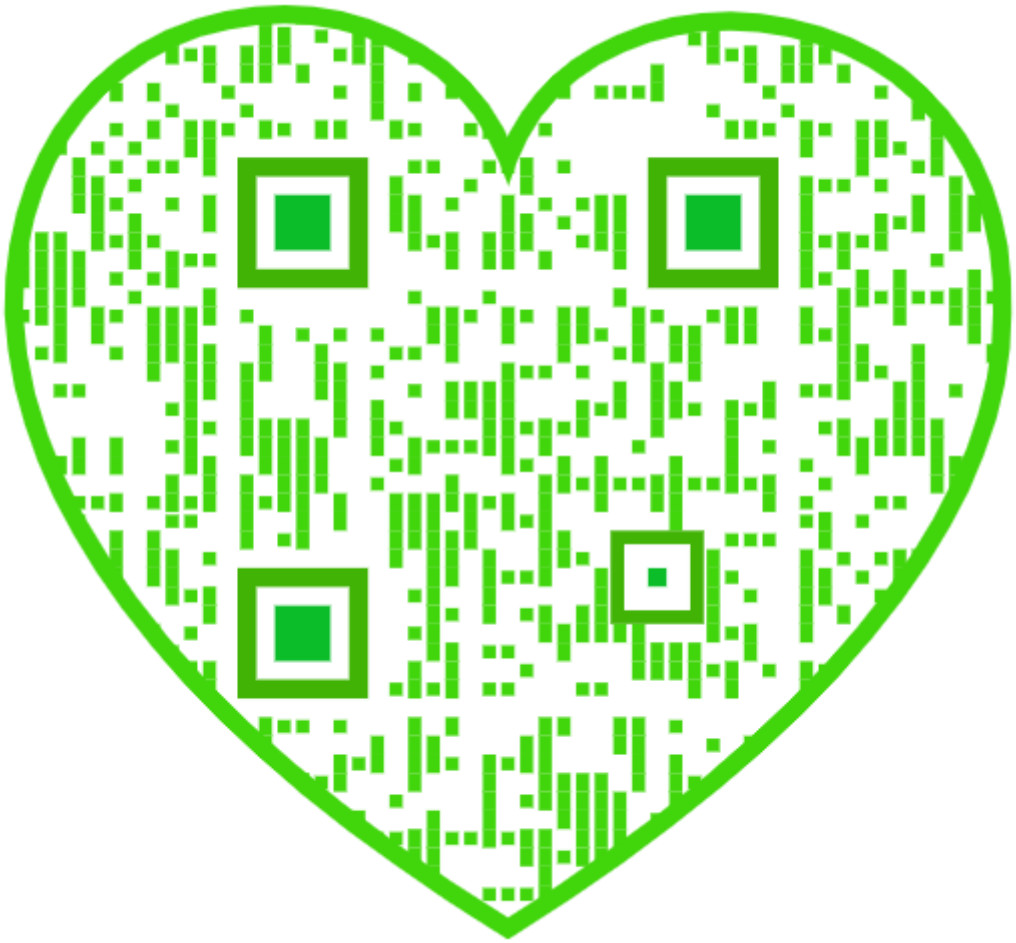


EAA MODEL: IZH46
AIR PISTOL

WARNINGS AND INSTRUCTION MANUAL
PLEASE READ THESE INSTRUCTIONS

CAUTION: Air Pistols are not toys. This Air Pistol is recommended for adult use. Misuse or careless use may cause serious injury or death. This Air Pistol is dangerous within 500 yards.

Do NOT cock or handle your Air Pistol before you read and understand the warnings and instructions contained in this manual.

FOR YOUR SAFETY AND THE SAFETY OF OTHERS, this owner's manual contains important warnings, instructions and safety procedures which must be understood BEFORE using this Air Pistol. Read the **ENTIRE MANUAL** and if you do not understand any part of it or the operation of your Air Pistol, stop and seek professional instruction. You can get a copy of this manual from European American Armory Corp. upon request.

Record the serial number of your Air Pistol:
_____

and a description of it:

_____

Make a copy of this manual, proof of purchase/sales record for safekeeping in a secure safe or fireproof container. Such proof is necessary if the Air Pistol is damaged, stolen or sent in for warranty repair.

⚠ W A R N I N G

YOU RISK INJURY OR DEATH BY HANDLING THIS AIR PISTOL

Before handling this Air Pistol, read, understand and follow the instructions in this manual. Most importantly, keep the Air Pistol pointed in a safe direction.

Always keep this manual with the Air Pistol. If you lend, give or sell this Air Pistol, be sure the manual goes with it. If there is anything you do not understand, seek advice from someone qualified in safe handling of Air Pistols. You must ALWAYS obey the following warnings, instructions and safety procedures:

1. Thinking the air pistol is unloaded does not mean it is unloaded. If a pellet is in the chamber and the pistol has been cocked, this pistol can be fired. Always treat your air pistol as if it is loaded.

2. Always point the muzzle of any air pistol in a safe direction whether the pistol is loaded or unloaded.

3. NEVER place your hands over the muzzle.

4. Only use lead .177 pellets manufactured to industry standards. If the pellet does not feed into the chamber, do not force it. There is a reason for the failure to feed. Determine the reason before continuing.

5. Never alter your air pistol or allow anyone not connected with or authorized to represent the manufacturer to modify, change, or adjust any of the working parts of your air pistol.

6. Learn to regularly clean and inspect your air pistol.

7. Wear eye protection whenever you shoot your pistol or when around others using air pistols. You only get one set of eyes .

8. This air pistol is extremely powerful and is not designed for the beginner. This class of air pistol is intended for use by experienced adult shooters.

9. Your air pistol cannot think. You must be alert and thoughtful at all times to insure your safety and the safety of the people and property near you.

10. Shoot sober! Do not use drugs or alcohol when shooting. Do not engage in horse play when shooting.

11. NEVER shoot a pellet at water or a hard surface as it can ricochet.

FOLLOWING THESE SAFETY RULES CAN SAVE YOUR LIFE OR THE LIFE OF SOMEONE ELSE

Get competent instruction in safe handling of air pistols before using this air pistol. Please ask your dealer for names of qualified instructors. All air pistols are extremely dangerous if carelessly handled or used. Remember that the user is the primary "safety" and that reliance on any mechanical device should never replace safe handling procedures.

DO NOT LOAD THIS AIR PISTOL UNTIL YOU UNDERSTAND HOW IT OPERATES. KEEP this air pistol unloaded at all times except when you are ready to fire and sure of your target.

ALWAYS carry this pistol in a case or original box ***unloaded.***

Do **NOT** leave your air pistol **COCKED** for long periods of time or store it **COCKED**.

NEVER point this air pistol at anything that is not your intended target even if the air pistol is unloaded. When loading, unloading, cleaning or handling, always be sure the muzzle is pointed in a safe direction and always keep your finger off the trigger. **NEVER** assume any air pistol is unloaded. Before handling, check to make sure the chamber is empty. See Unloading Instructions. Make sure you know that this or any air pistol is unloaded before displaying or handling it. When handling any air pistol, keep your fingers away from the trigger at all times until you intend to fire.

Get instructions from a competent instructor before using this or any air pistol. Learn from a professional how to handle, load, unload, operate, fire and care for your air pistol.

NEVER PLAY with your air pistol. It is not a toy and can cause serious personal injury or death.

Always keep the air pistol pointed in a safe direction. Treat every air pistol as if it is loaded...all the time. **NEVER** point any air pistol (loaded or unloaded) at any person or anything you do not intend to shoot. Always keep your air pistol unloaded until ready to use and make sure that it is unloaded before cleaning.

Keep your finger **OFF** the trigger until you are actually aiming at the target and ready to shoot. Learn to rest your finger outside of the trigger guard.

Never rely on a "safety" to protect you from unsafe handling. A safety is only a mechanical device, not a substitute for using common sense and following safety procedures.

FOLLOWING THESE SAFETY RULES CAN SAVE YOUR LIFE OR THE LIFE OF SOMEONE ELSE

Never leave your air pistol unattended or where it could fall.

Store air pistols and ammunition separately **beyond the reach of children**. Make sure that they are properly secured so untrained individuals and children will be denied access to your air pistol and ammunition.

Test your air pistol's operation only at a shooting range while the air pistol is pointed in a safe direction.

Know your target and what is beyond. Ask yourself what the projectile will hit if it misses the target or passes through the intended target. Remember, a fired pellet can travel over 400 yards (including a ricochet). Never shoot at hard flat surfaces or water. . . pellets ricochet.

Air pistols and alcohol or drugs do not mix. Don't take any alcoholic beverages and/or drugs before or during shooting activities.

Never pull an air pistol toward you by the muzzle. Don't climb a tree, cross a ditch or fence with a loaded air pistol.

Always empty air pistols before entering a house, car, truck, boat, RV, camp or any building.

When receiving an air pistol, always open the action and check to make sure the chamber is unloaded.

NEVER accept anyone's word that an air pistol is "unloaded" or "empty." You should immediately open the action and check to make sure it is unloaded. You should also inspect it by passing a cleaning rod through the bore to make sure it is clear.

Keep your air pistol unloaded when not actually in use. Load the air pistol only when on the range preparing to fire and unload it before leaving the range.

Never put your hand over the muzzle of an air pistol.

ALWAYS WEAR protective shooting glasses and hearing protection when using your air pistol.

Spectators should be at least 10 feet behind and away from the shooter while the shooter is loading, shooting and unloading. Spectators should wear ear and eye protection and they should avoid distracting those shooting.

FOLLOWING THESE SAFETY RULES CAN SAVE YOUR LIFE OR THE LIFE OF SOMEONE ELSE

Never drop your air pistol. If you do drop it, unload it and check it for proper function before using it again.

Do **NOT** alter or modify your air pistol.

Do **NOT** remove any internal safety or safety device on the air pistol. Safety mechanisms are designed to help protect you from personal injury or death.

Properly maintain and keep your air pistol clean. Keep it in a dry place away from other metals and water. If your air pistol shows sign of corrosion or improper operation, have it serviced by a competent gunsmith.

Keep the muzzle pointed in a safe direction when loading and unloading your air pistol. Never point the muzzle at anyone.

Never let water, snow, mud or other material enter the barrel. Always be sure the barrel is free of any obstruction.

Use only the correct size lead pellets for your air pistol. Do **NOT** use steel shot or darts.

Teach children: 1. NOT to touch air guns, firearms, bullets, cartridges, shells, flares or any explosive device and **2.** That if they discover such a dangerous item or weapon, they must immediately report its location to their parents, school teacher or police.

Remember an air pistol has the capability of taking your life or the life of someone else. Be careful with your air pistol— an accident is almost always the result of not following basic safety rules.

WRITE EUROPEAN AMERICAN ARMORY CORP. concerning any items or circumstances which you don't understand and which might relate to your safety and the operation of your air pistol at: European American Armory Corp., 3855 North U.S. Highway 1, Cocoa, Florida 32926 (321) 639-4842.

SAFETY WARNING:

Do not cock the cocking lever more than once per trigger pull.

Make sure after you have cocked the cocking handle fully that you return it to its resting position. Failure to lock the handle could cause a problem if the trigger was pulled and the cocking handle was not fully returned to its resting position.

LEAD WARNING: The actual air pistol does not contain any lead; however, it does fire ammunition and pellets which contain lead or lead compounds known to

the State of California to cause cancer, birth defects, reproductive toxicity, and other serious physical injury. Those who discharge an air pistol, stand near someone who discharges an air pistol or clean air pistols are hereby warned of the dangers presented by lead and lead compounds and should take protective health measures. Avoid exposure to lead while handling and wash your hands after contact. Proper air ventilation is absolutely necessary when shooting indoors.

GENERAL INFORMATION:

This is an air pistol. It is powered by compressed air in the cylinder located in front of the breech. Cocking the air pistol compresses the air in the cylinder and should only be done prior to firing. Avoid leaving the cylinder with compressed air for extended periods.

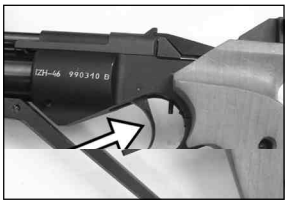


Figure 1

EXTERNAL CONTROL PARTS:

Trigger: The trigger is used for discharging the compressed air to expel the pellet. See **Figure 1.** Never touch or pull the trigger when the pistol is cocked and the cocking handle is not in the resting position. The trigger mechanism is adjustable. The screw directly behind the trigger is for adjusting reserve trigger creep (see **Figure 2**); the next screw toward the back is for adjusting final trigger creep (see **Figure 3**); the screw in front of the trigger is for adjusting preliminary trigger creep (see **Figure 4**); the screw in the trigger is for adjusting the distance of the trigger with reference to the grip (see **Figure 5**); and the screw closest to the back of the pistol is for adjusting trigger pull (see **Figure 6**).

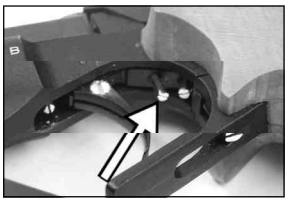


Figure 2

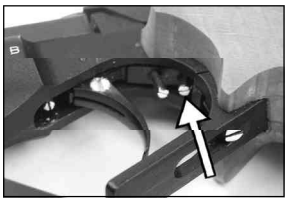


Figure 3

⚠ W A R N I N G

Never adjust the trigger pull to less than 24 ounces.

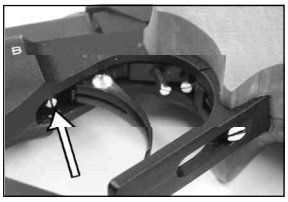


Figure 4

Grip: The grip of your air pistol is comprised of two pieces of wood. See **Figure 7.** A loose grip may

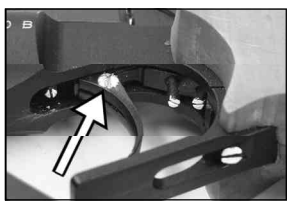


Figure 5

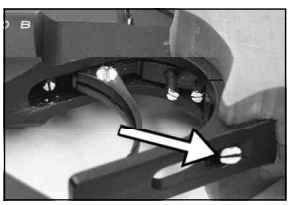


Figure 6

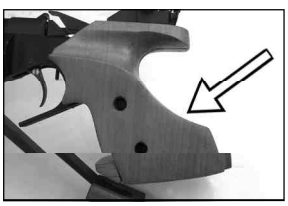


Figure 7

cause poor accuracy. Do not over tighten the grip screw. Make sure that the grip is tight to the receiver of the air pistol.

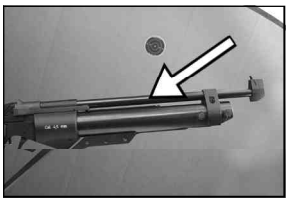


Figure 8

Barrel: The barrel of your air pistol is made of steel and has groove rifling. See **Figure 8.** Never put the barrel in a position where it could be bent or damaged. A bent barrel will lead to accuracy problems or could even lead to a pellet being stuck in the barrel. After shooting, always clean the barrel with a light oil.

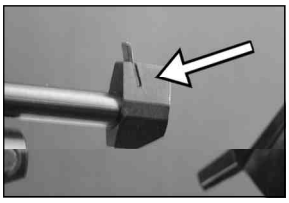


Figure 9a

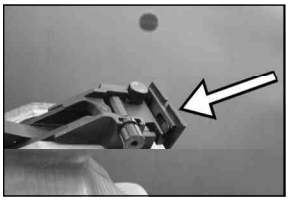


Figure 9b

Sights: The sights on your air pistol are designed for accuracy. The front sight is all metal and the rear sight is all metal with adjustments for windage and elevation. See **Figures 9a** and **9b .**

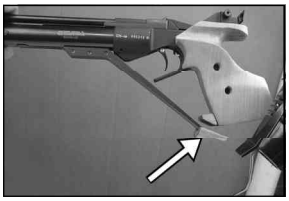


Figure 10

Cocking Handle: The cocking handle is located below the barrel and is actuated by pulling the handle down and forward until the bolt points upward. See **Figure 10**. If you do not pull the handle completely forward, the bolt will not lock up and the gas bypass will not be closed. The air bypass must be closed to compress the air in the piston assembly.

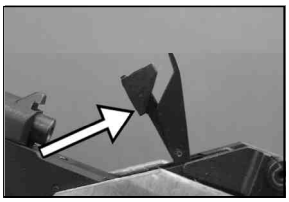


Figure 11

Bolt: The bolt is located on the top of this pistol directly above the grip and in front of the rear sight. The bolt must be pointed up for loading and compression of the air in the cylinder. See **Figure 11.**

Bolt Lever: The bolt lever is located behind the bolt and is used to lock the bolt in place for firing. See **Figure 12.**

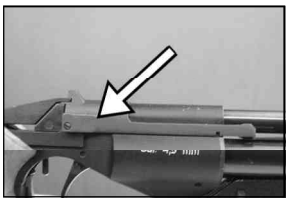


Figure 12

COCKING YOUR AIR PISTOL

1. Grasp the pistol by the pistol grip with your dominant hand. Keep your fingers off the trigger and away from the breech/bolt. With the barrel pointing in a safe direction, pull the cocking handle forward until you see the bolt assembly pop up to a 90-degree angle from the firing plane or you feel a light click. See **Figure 13.**

Figure 13

WARNING: Do not over-travel or force the cocking handle or you could damage your Air Pistol. At this point, the bolt should be locked up and the air bypass should be closed. See **Figure 14.** Do not pull past the click sound/feel and **never use excessive force when cocking the air pistol**.

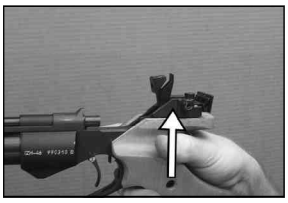


Figure 14

2. Now return the cocking handle to its rest position by moving the handle to the rear of the pistol. See **Figure 15a.** You can tell that you have actuated the cocking handle completely by the fact that the return movement of the handle is under pressure. Keep your fingers away from the trigger and breech at all times when cocking the air pistol. See **Figure15b.**

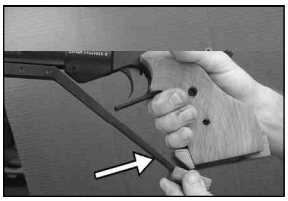


Figure 15a

LOADING YOUR AIR PISTOL

Figure 15b

1. Make sure you are wearing eye and ear protection.

2. Make sure that the air pistol is pointed in a safe direction and the bolt is in the up position and your hands and finger are away from the trigger. See **Figure 16.**

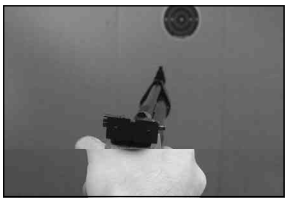


Figure 16

3. Make sure you have completed the pistol cocking sequence before you insert the pellets with the skirt to the rear. See **Figure 17. WARNING:** If the pellet is not fully seated, it will be deformed when the bolt is closed/locked in place.

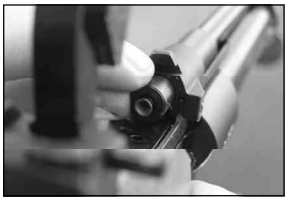


Figure 17

4. Close the bolt by depressing the bolt lever down until the bolt is locked down with the bolt lever. See **Figure 18. WARNING: Do not close the bolt until are ready to fire, the safety on this air pistol is simply the bolt - if you have not closed the bolt the pellet will not be expelled from the barrel. Note: if you pull the trigger and the air has been compressed in the cylinder and the bolt is open (90 degrees from the firing plane) the pistol will discharge the compress air in the cylinder.**

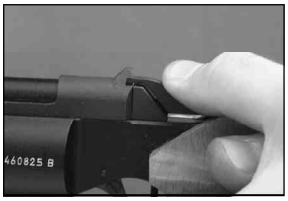


Figure 18

FIRING THE AIR PISTOL

After completing the loading steps, and while wearing eye and ear protection, make sure that the pistol is pointed at what you intend to shoot and slowly pull the trigger to the rear. The pistol will discharge and the pellet will be expelled from the barrel. If you wish to fire another pellet, unlatch the cocking handle and cock the pistol (see Cocking Instructions), load another pellet and then fire another pellet.

UN-COCKING YOUR AIR PISTOL

IF YOU HAVE COCKED YOUR AIR PISTOL AND LOADED A PELLET we suggest you fire the pellet out of the barrel in a safe direction and we DO NOT suggest that you un-cock this air pistol.

⚠ W A R N I N G
Unless absolutely necessary do not shoot an air pistol without a lead pellet! Never fire damaged or used pellets.

⚠ W A R N I N G
Use only factory new lead air pistol pellets. Use only the correct size pellets (.177 caliber). Do not use steel shot or darts which may damage the pistol bore and which cause greater rebound and ricochet.

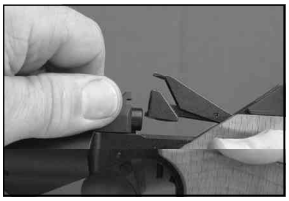


Figure 19

Note: When not in use, store your air pistol with the bolt lever unlocked. To unlock the bolt lever after shooting, slide forward the latch situated on the breech end of the barrel. See **Figure 19.** Do not swing the bolt up. See **Figure 20**. This action permits the seals of the pistol to work much longer and prevents air leaks after long storage.

Figure 20

Note: It is a violation of federal law to ship a loaded weapon.

CARE AND CLEANING

⚠ W A R N I N G
Make sure the air pistol is unloaded before cleaning (follow Unloading Instructions and Un-Cocking Instructions to insure air pistol is not cocked and loaded).

⚠ W A R N I N G
When lubricating the air compression chamber, use only a special lubricant with a high flash point designed specifically for use inside an air compression chamber.

1. To lubricate the air compression chamber and air compression seal, follow the Cocking Instructions and cock the air pistol. Put a few drops of special light oil into the vent hole that leads into the compression chamber. See **Figure 21.** Now cock and un-cock the pistol in several different angles so the oil spreads around the piston chamber. See **Figures 22, 23** and **24.** Do not over oil (no more than 3 or 4 drops on each lubrication). The air pistol chamber should be oiled every 500 pellets.

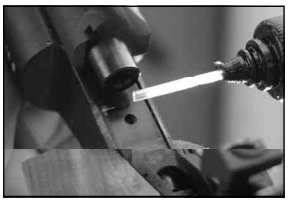


Figure 21

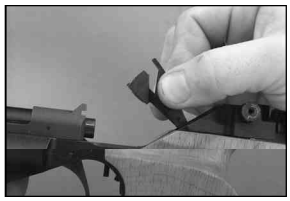


Figure 22

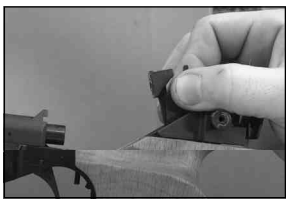


Figure 23

Figure 24

2. The cocking lever linkage and bolt pivot points should be very lightly oiled every six months.

⚠ W A R N I N G

It is better to under lubricate than to over lubricate. Over lubrication will void your warranty. Do not use firearm cleaners or low flash point oils in the air compression chamber and near the vent and breech seal as this will cause dieseling and damage the seal.

⚠ W A R N I N G

Only a competent gunsmith should disassemble the pistol for further cleaning or maintenance.

LIMITED REPAIR WARRANTY

European American Armory Corp. air pistols are warranted to the original retail customer for 90 days from date of purchase against factory defects in metal parts. All metal parts and labor or replacement **at our option** are covered. Mainsprings, seals and stock are warranted to the original retail customer for a period of 30 days from the verified purchase date against defects. Parts and labor to repair mainsprings, seals and stock will be provided for 30 days from the verified purchase date.

Evidence of proof of purchase is necessary for all warranty repair service. Transportation to and from our repair facilities, governmental fees, damage caused by failure to perform normal maintenance, sales outside the United States, damage due to non-factory lead pellets, steel shot or darts, or any unauthorized repair,

modification, misuse, abuse, or alteration of the product is not covered by this Limited Repair Warranty.

Any implied warranties, including the implied warranties of merchantability and fitness for a particular purpose, are limited to 90 Days from date of original retail purchase. Consequential or incidental damages and/or expenses, or any other expenses are not covered by this warranty.

To obtain warranty performance send your product with proof of retail purchase, freight prepaid to:

European American Armory Corp.
3855 North U.S. Highway 1
Cocoa, Florida 32926

⚠ W A R N I N G

Altering or modifying parts is dangerous and will void the warranty. This air pistol was manufactured to perform properly with the original parts as designed. It is your duty to make sure any parts you buy are made for this air pistol and are installed correctly and that neither the replacements nor originals are altered or changed. Your air pistol is a complex precision tool with many parts that must relate correctly to other parts in order for proper and safe operation. Putting an air pistol together wrong or with incorrect or modified parts can result in a damaged air pistol, serious injury or death to you and others through malfunction. Always have a qualified gunsmith work on your air pistol or at least check any work not performed by a gunsmith.

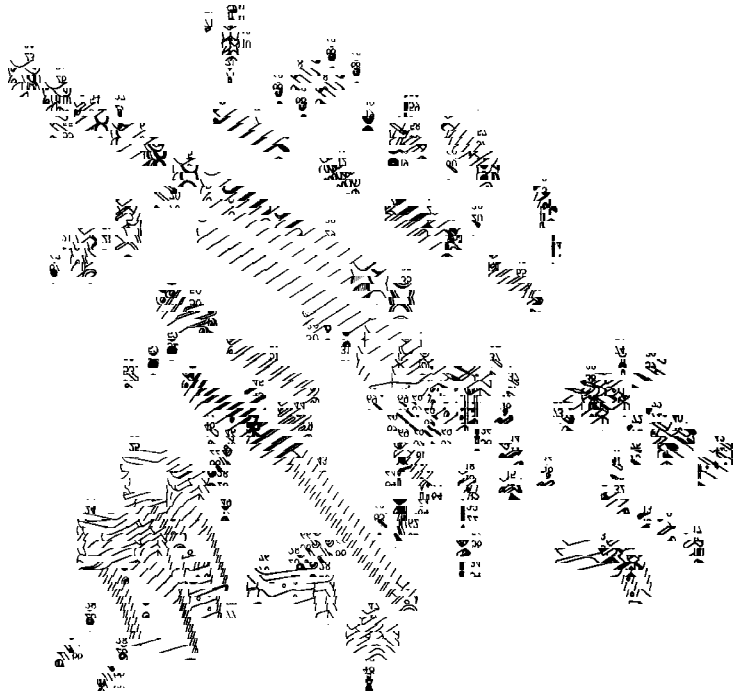
ALL PARTS ORDERS ARE SUBJECT TO A $10.00 CHARGE FOR SHIPPING AND HANDLING. For parts and service contact: European American Armory Corp., 3855 North U.S. Highway 1, Cocoa, Florida 32926 Phone: (321) 639-4842.

Air Pistols are not classified as firearms by the U.S. Gun Control Act of 1968. Air Pistols are not generally considered to be weapons; however, they can cause serious personal injury, death and property damage. Thus, they should be handled with great care. Safety is YOUR RESPONSIBILITY. Neither the manufacturer nor European American Armory Corp. assume any responsibility for personal injury, death or property damage resulting from either intentional or accidental discharge or for the function of any air pistol subjected to influences beyond our control.

SPECIFICATIONS:

CALIBER .....177" / 4.5 mm
BARREL LENGTH .....11.02"
OVERALL LENGTH ..... 16.53"
WEIGHT ..... 2.86 LBS

IZH46 EXPLODED VIEW



PARTS LIST

1. Frame
2. Slide
3. Blocking lever
4. Blocking lever spring
5. Piston collar
6. Piston
7. Bar
8. Hinge pin
9. Main valve
10. Front sight base
11. Front sight
12. Slide spring
13. Valve spring
14. Valve sear
15. Trigger sear
16. Sear spring
17. Valve stem
18. Trigger lever
19. Packing ring
20. Screw
21. Yoke
22. Spring
23. Plug
24. Left-hand side piece
25. Right-hand side piece
26. Block
27. Screw
28. Screw eye
29. Cylinder
30. Valve seat
31. Lock
32. Bush
33. Guard
34. Screw
35. Packing ring
36. Screw
37. Pin
38. Sight
39. Sight base
40. Sight base plunger
41. Plunger spring
42. Sight pin
43. Pumping lever
44. Span piece
45. Spring
46. Pin
47. Lever grip
48. Screw
49. Washer
50. Hinge
51. Connecting rod
52. Roller
53. Pin
54. Eyepiece
55. Pin
56. Lock
57. Cover lever
58. Cover
59. Spring
60. Pin
61. Trigger base
62. Trigger
63. Trigger screw
64. Screw
65. Cover tie
66. Screw
67. Nut
68. Washer
69. Pin
70. Screw
71. Screw
72. Screw

⚠ WARNING

Children are attracted to and can operate firearms that can cause severe injuries or death.
Prevent child access by always keeping guns locked away and unloaded when not in use. If you keep a loaded firearm where a child obtains and improperly uses it, you may be fined or sent to prison.

⚠ ADVERTENCIA

A los ninos los atroen las armaside de fuego y los pueden hacer funcionar. Ellos pueden causarse lesiones graves y la muerte.
Evite que los ninos tengon acceso a los armas de fuego guardandolas siempre con llave y descargadas cuando no las este utilizando. Si usted tiene un arma de fuego cargado en un lugar en que un nono tiene acceso a ella y la usa indebidamente. Le pueden dar una multa a enviarlo a la carcel.

Importer:

European American Armory Corp.
3855 North US. Hwy. 1
Cocoa, FL 32926

Manufacturer:

Izhevsky Mekhanichesky Zavod
8, Promyshlennaya Str.
Izhevsk, Russia 426063